

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF  
THE DEPENDENT RESURVEY OF  
A PORTION OF THE SUBDIVISIONAL LINES,

AND THE  
SUBDIVISION OF SECTION 33

IN  
TOWNSHIP 11 SOUTH, RANGE 3 WEST

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

*Jerry L. Thomas*  
*Cadastral Surveyor*

Under special instructions dated *August 1, 1996*, approved *August 1, 1996*, which provided for the surveys included under Group Number *850*, and assignment instructions dated *August 23, 1996*.

Survey commenced *September 23, 1996*

Survey completed *July 22, 1997*

## INDEX DIAGRAM

Township 11 South, Range 3 West

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
8					
30 7	29	28	27	26	25
7	6	4			
31 5	32 3	33 2	34	35	36

The Subdivision of Section 33.....Page 9

## TOWNSHIP 11 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The following field notes described the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 33, in Township 11 South, Range 3 West, Salt Lake Meridian, Utah.

**History of Surveys****Surveyed by****Retr. or Resurveyed by****NORTH BOUNDARY**

All	J. Gorlinski	1872		
Portion			M. Krohn	1987-1988

**SOUTH BOUNDARY**

All	J. Gorlinski	1872		
All			J.L. Thomas	1996

**EAST BOUNDARY**

All	J. Gorlinski	1872		
Portion			H.D. Heist	1903
Portion			J.L. Thomas	1987-1990

**WEST BOUNDARY**

All	J. Gorlinski	1872		
All			G.B. Hatch	1968

**SUBDIVISION**

All	J. Gorlinski	1872		
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The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group 850, Utah, dated August 1, 1996.

The directions of lines were determined by references to true meridians established on line by hour angle observations of the Sun and Polaris. The lines were carried forward by sustained angulations, being supplemented by other observations taken throughout the progress of the survey. Distances were determined by electronic measurement.

Preliminary to the resurvey, the lines of the original survey were retraced and a diligent search was made for any evidence of the original field note record. The retracement data were thoroughly verified and only the true line notes are given herein.

The geographic position of the following section corners were determined by ties to U.S.G.S. triangulation station "DYER", by the Global Positioning System (GPS), using relative positioning techniques. They will also function as B.L.M. control stations.

## TOWNSHIP 11 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The geographic position of the corner of sections 5, 6, 31, and 32, on the south boundary of the township, is as follows:

Latitude 39° 48' 58.592" N. Longitude 112° 12' 50.732" W.  
N.A.D. 1983.

The geographic position of the corner of sections 19, 24, 25, and 30, on the west boundary of the township, is as follows:

Latitude 39° 50' 42.409" N. Longitude 112° 13' 57.797" W.  
N.A.D. 1983.

The mean magnetic declination as projected from the U.S. Geological Survey "Magnetic Declination Map of 1990" is: 14° East.

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Dependent Resurvey of a Portion of the Subdivisional  
Lines, T. 11 S., R. 3 W., Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by  
J. Gorkinski in 1872

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Beginning at the corner of sections 3, 4, 33, and 34, on the south boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 6 inches above ground, with aluminum cap marked as described in the official record of the 1996 concurrent resurvey of the north boundary of T. 12 S., R. 3 W.

N. 0° 05.0' E., between sections 33 and 34.

Over rolling land.

**39.440** Point selected for the witness 1/4 section corner of sections 33 and 34.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

WC  
T11S R3W  
1/4  
S33 ↑ S34  
1996

Set a steel fence post alongside the aluminum post.

**40.440** True point for the 1/4 section corner of sections 33 and 34, at proportionate distance, falls on the E rail of the railroad track; there is no remaining evidence of the original corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 11 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

**CHAINS****60.660**

Point for the N 1/16 section corner of sections 33 and 34.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

N 1/16	
S33	S34
1996	

Set a steel fence post alongside the aluminum post.

**80.880**

The corner of sections 27, 28, 33, and 34, monumented with a granite stone, 18x12x10 ins., firmly set, projecting 12 inches above ground, plainly marked 1 notch on the S and 3 notches on the E edges.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T11S R3W	
S28	S27
S33	S34
1996	

Deposit the marked stone alongside the aluminum post.

Set a steel fence post alongside the corner.

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From the corner of sections 4, 5, 32, and 33, on the south boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 6 inches above ground, with aluminum cap marked as described in the official record of the 1996 concurrent resurvey of the north boundary of T. 12 S., R. 3 W.

N. 0° 06.5' E., between sections 32 and 33.

Over rolling land.

**40.320**

Point for the 1/4 section corner of sections 32 and 33, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 11 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

T11S R3W  
1/4  
S32 | S33  
1996

Set a steel fence post alongside the aluminum post.

**60.480** Point for the N 1/16 section corner of sections 32 and 33.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

N 1/16  
S32 | S33  
1996

Set a steel fence post alongside the aluminum post.

**80.640** The corner of sections 28, 29, 32, and 33, monumented with a quartzite stone, 12x10x11 ins., firmly set, projecting 8 inches above ground, plainly marked 1 notch on the S and 4 notches on the E edges.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T11S R3W  
S29 | S28  
S32 | S33  
1996

Deposit the marked stone alongside aluminum post.

Set a steel fence post alongside the corner.

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From the corner of sections 27, 28, 33, and 34.

N. 89° 56.5' W., between sections 28 and 33.

Over rolling land.

**20.155** Point for the E 1/16 section corner of sections 28 and 33; not monumented.

**40.310** Point for the 1/4 section corner of sections 28 and 33, at proportionate distance; there is no remaining evidence of the original corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 11 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T11S R3W  
1/4     S28  
         S33  
         1996

Set a steel fence post alongside the aluminum post.

**60.465** Point for the W 1/16 section corner of sections 28 and 33.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

W 1/16 S28  
         S33  
         1996

Set a steel fence post alongside the aluminum post.

**80.620** The corner of sections 28, 29, 32, and 33.

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From the corner of sections 5, 6, 31, and 32, on the south boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 6 inches above ground, with aluminum cap marked as described in the official record of the 1996 concurrent resurvey of the north boundary of T. 12 S., R. 3 W.

N. 0° 11.5' E., between sections 31 and 32.

Over rolling land.

**40.550** Point for the 1/4 section corner of sections 31 and 32, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T11S R3W  
1/4  
S31 | S32  
1996

Set a steel fence post alongside the aluminum post.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 11 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

81.100

The corner of sections 29, 30, 31, and 32, monumented with a limestone 15x10x5 ins., firmly set, projecting 10 inches above ground, plainly marked 1 notch on the S and 5 notches on the E edges.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T11S R3W	
S30	S29
S31	S32
1996	

Deposit the marked stone alongside the aluminum post.

Set a steel fence post alongside the corner.

Corner is located 1.125 chains S of E - W fence line.

From the corner of sections 28, 29, 32, and 33.

N. 89° 44.0' W., between sections 29 and 32.

Over rolling land.

20.125

Point for the E 1/16 section corner of sections 29 and 32.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

E 1/16	S29
	S32
	1996

Set a steel fence post alongside the aluminum post.

Corner is located 23 1/2 links S of E - W fence line.

40.25

The 1/4 section corner of sections 29 and 32, monumented with a limestone, 12x11x8 inches, firmly set, projecting 8 inches above ground, plainly marked 1/4 on the N face.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 11 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

T11S R3W

1/4    S29  
      S32  
      1996

Deposit the marked stone alongside the aluminum post.

Set a steel fence post alongside the corner.

Corner is located 53 links S of E - W fence line.

N. 89° 36.5' W., beginning new measurement.

**40.400** The corner of sections 29, 30, 31, and 32.

S. 89° 15.0' W., between sections 30 and 31.

Over rolling land.

**39.900** Point for the 1/4 section corner of sections 30 and 31, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T11S R3W

1/4    S30  
      S31  
      1996

Set a steel fence post alongside the aluminum post.

Build a reference mound, 3 ft. diameter, to the north.

**80.480** The corner of sections 25, 30, 31, and 36, on the west boundary of the township, monumented with an iron post, firmly set, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1968 resurvey of the east boundary of T. 11 S., R. 4 W.

From the corner of sections 29, 30, 31, and 32.

N. 0° 18.5' W., between sections 29 and 30.

Over rolling land through thick cedar timber.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 11 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

**CHAINS****40.115**

Point for the 1/4 section corner of sections 29 and 30, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T11S R3W  
1/4  
S30 | S29  
1996

Set a steel fence post alongside the aluminum post.

**80.230**

The corner of sections 19, 20, 29, and 30, monumented with a limestone 12x8x6 ins., firmly set, projecting 8 inches above ground, plainly marked 2 notches on the S and 5 notches on the E edges.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T11S R3W  
S19 | S20  
S30 | S29  
1996

Deposit the marked stone alongside the aluminum post.

Set a steel fence post alongside the corner.

Corner is located in old N - S fence line.

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S. 88° 27.5' W., between sections 19 and 30.

Over rolling land.

**39.670**

Point for the 1/4 section corner of section 19 and 30, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

1/4 T11S R3W  
S19  
S30  
1996

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 11 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

Set a steel fence post alongside the aluminum post.

- 79.145** The corner of sections 19, 24, 25, and 30, on the west boundary of the township, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 6 inches above ground, with brass cap marked as described in the official record of the 1968 resurvey of the east boundary of T. 11 S., R. 4 W.

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The Subdivision of Section 33,  
T. 11 S., R. 3 W., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 4 and 33, on the south boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 6 inches above ground, with aluminum cap marked as described in the official record of the 1996 concurrent resurvey of the north boundary of T. 12 S., R. 3 W..

N. 0° 06.0' E., on the N - S center line of section 33.

Over rolling land.

- 40.380** Point for the center 1/4 section corner of section 33, at intersection with the E - W center line.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

T11S R3W  
C 1/4 S33  
1996

Set a steel fence post alongside the aluminum post.

Corner is located on top of a low spur, which slopes SE.

- 60.570** Point for the center N 1/16 section corner of section 33; not monumented.

- 80.760** The 1/4 section corner of sections 28 and 33.

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From the true point for the 1/4 section corner of sections 33 and 34.

N. 89° 52.0' W., on the E - W center line of section 33.

Over rolling land.

- 20.165** Point for the center E 1/16 section corner of section 33.

THE SUBDIVISION OF SECTION 33,  
LINES, T. 11 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

C    E 1/16    C  
          S33  
          1996

Set a steel fence post alongside the aluminum post.

**40.330**    The center 1/4 section corner of section 33.

**60.495**    Point for the center W 1/16 section corner of section 33, not monumented.

**80.660**    The 1/4 section corner of sections 32 and 33.

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From the center E 1/16 section corner of section 33.

N. 0° 05.5' E., on the N - S center line of the NE 1/4 of section 33.

Over rolling land.

**20.205**    Point for the NE 1/16 section corner of section 33, at intersection with the E - W center line of the NE 1/4.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

NE 1/16 S33  
          1996

Set a steel fence post alongside the aluminum post.

**40.410**    Point for the E 1/16 section corner of sections 28 and 33.

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From the N 1/16 section corner of sections 33 and 34.

N. 89° 54.0' W., on the E - W center line of the NE 1/4 of section 33.

Over rolling land.

**20.160**    The NE 1/16 section corner of section 33.

**40.320**    Point for the center N 1/16 section corner of section 33.

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THE SUBDIVISION OF SECTION 33,  
LINES, T. 11 S., R. 3 W., SALT LAKE MERIDIAN, UTAH**CHAINS**

From the point for the center W 1/16 section corner of section 33.

N. 0° 06.5' E., on the N - S center line of the NW 1/4 of section 33.

Over rolling land.

**20.175** Point for the NW 1/16 section corner of section 33, at intersection with the E - W center line of the NW 1/4.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

NW 1/16 S33  
1996

Set a steel fence post alongside the aluminum post.

**40.350** The W 1/16 section corner of sections 28 and 33.

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From the point for the center N 1/16 section corner of section 33.

N. 89° 54.5' W., on the E - W center line of the NW 1/4 of section 33.

Over rolling land.

**20.160** The NW 1/16 section corner of section 33.

**40.320** The N 1/16 section corner of sections 32 and 33.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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Name	Capacity
Judd Beagley	Survey Aid
Garrett Snow	Survey Aid
Dave Harris (BOR)	Survey Technician

## CERTIFICATE OF SURVEY

I, **Jerry L. Thomas, Cadastral Surveyor**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *1st day of August, 1996*, I have *dependently resurveyed a portion of the subdivisional lines, and subdivided section 33, in Township 11 South, Range 3 West*,

of the *Salt Lake Meridian*, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

January 20, 1999

Date

Jerry L. Thomas

(Cadastral Surveyor)

\_\_\_\_\_  
Date

\_\_\_\_\_  
(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 33, Township 11 South, Range 3 West, Salt Lake Meridian, Utah*,

executed by *Jerry L. Thomas, Cadastral Surveyor*

having been critically examined and found correct, are hereby approved.

May 21, 1999

Date

Daniel W. Webb

(Chief Cadastral Surveyor for Utah)